

UNIVERSITY OF CALIFORNIA
MUSEUM OF VERTEBRATE ZOOLOGY


Bartholomew, G. A.

Calif. - Nevada Boundary, 1941

S. A. Bartholomew

July 21 - August 4, 1941

Nevada and California
along Boundary between



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Bartholomew
1941

Catalog

3 mi S Mt. Rose, 8500 ft., Washoe Co., Nevada

July 22, 1941

- 50 ♂ *Peromyscus maniculatus* 132-54-20-18; 17.5 gm
→ 51 ♀ " " (no emb) 165-72-20-19; 22.7 gm
→ 52 ♀ *Sorex palustris* (no emb) 137-68-19-6; 8.3 gm
→ 53 ♂ *Microtus longicaudus* 186-58-20-15; 44.9 gm
→ 54 ♀ " " (no emb) 156-55-22-13; 32.0 gm
→ 55 ♂ *Tamiasciurus douglasii* 308-128-151-22; 195.8 gm

July 23, 1941

- 56 ♂ *Microtus longicaudus* 139-45-21-12; 23.6 gm
→ 57 ♂ *Eutamias speciosus* 207-81-32-23; 57.5 gm
→ 58 ♀ *Citellus beldingii* (no emb) 277-69-42-12; 174.4 gm
→ 59 ♂ *Microtus longicaudus* 170-⁴⁹~~42~~-22-14; 39.8 gm
→ 60 ♂ " " 179-54-21-15; 43.1 gm

6 mi. NE Virginia City, 6000 ft. Storey Co., Nevada

July 24, 1941

- 61 ♂ *Reithrodontomys megalotis* 125-~~125~~ 58-16-6; 6.6 gm
→ 62 ♂ *Perognathus parvus* 151-84-24-9; 22.5 gm
→ 63 ♂ *Peromyscus maniculatus* 143-63-19-18; 26.4 gm
→ 64 ♀ " " (no emb) 153-67-21-19; 20.3 gm
→ 65 ♂ *Peromyscus truei* 182-85-21-25; 22.0 gm
→ 66 ♂ *Eutamias minimus* 183-79-27-15; 32.0 gm

July 25, 1941

- 67 ♀ *Dipodomys leucogenys* 267-158-43-13; 61.6 gm.
→ 68 ♂ *Perognathus longimembris* ^{parvus (imm)} ~~longimembris~~ 142-75-22-8; 9.3 gm.

2 mi. S Hawthorn, 4300 feet, Mineral Co., Nevada

July 26, 1941

- 69 ♀ *Perognathus longimembris* coll. by D.H. Johnson
132-74-18-6; 7.6 gm

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1941

Catalog

2 mi. E Hawthorn, 4300 ft., Mineral Co., Nevada

July 26, 1941

- 70 ♂ *Microdipodops pallidus* 156-85-25-11; 13.3 gm
→ 71 ♀ " " (no emb) 148-87-24-10; 10.9 gm
→ 72 ♀ *Dipodomys merriami* (no emb) 226-124-36-13; 45.4 gm
→ 73 ♂ *Dipodomys microps* 261-152-40-15; 51.1 gm
→ 74 ♂ " " 261-151-41-13; 56.6 gm

Middle Cr., 8000 ft., White Mts., Esmeralda Co., Nevada.

July 27, 1941

- 75 ♀ *Peromyscus truei* (no emb) 150-78-22-24; 17.5 gm
→ 76 ♀ *Thomomys bottae* (no emb) 162-58-25-6; 53.4 gm
→ 77 ♂ *Eutamias minimus* 174-78-28-11; 29.9 gm

13 mi. N Goldfield, 5100 ft., Esmeralda Co., Nevada

July 28, 1941

- 78 ♀ *Perognathus longimembris* (no emb) 139-65-18-7; 7.4 gm
→ 79 ♂ " " 142-74-18-7; 7.4 gm
→ 80 ♀ *Dipodomys deserti* (no emb) 301-168-52-17; 61.9 gm
→ 81 ♀ " *microps* (no emb) 257-¹⁴⁶~~146~~-40-16; 64.6 gm

9 mi. W and 3½ mi. S Searchlight, 4300 ft., Clark Co., Nevada

July 31, 1941

- 82 ♂ *Peromyscus maniculatus* 153-74-20-18; 15.7 gm.
→ 83 ♀ " " (no emb) 151-73-20-19; 15.1 gm.
→ 84 ♀ *Dipodomys merriami* (no emb) 238-144-39-13; 47.1 gm.
→ 85 ♂ " " 239, 144-36-12; 39.1 gm
→ 86 ♂ *Dipodomys mohavensis* 294⁵~~5~~-168-42-18; 78.9 gm
→ 87 ♀ " " (no emb) 304-177-46-17; 75.9 gm
→ 88 ♀ " " (no emb) 285-174-43-16; 74.0 gm

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Catalog

W side Colorado R., 500 ft., 6 mi. N Calif line, Clark Co., Nevada

Aug 1, 1941

- 89 ♀ *Dipodomys merriami* (no emb) 242-140-38-12; 40.8 gm.
90 ♀ " " (no emb) 254-145-38-13; 48.5 gm.
91 ♀ " " ^{10 mm.} (1 emb) 239-141-37-14; 37.6 gm.
92 ♀ " " (no emb) 254-146-39-14; 38.4 gm.
93 ♀ " " (no emb) 231-134-36-14; 39.2 gm.
94 ♀ *Perognathus formosus* (no emb) 169-64-22-10; 17.6 gm
95 ♂ " " 189-112-23-11; 20.0 gm
96 ♀ " " (no emb) 196-111-24-12; 23.2 gm
97 ♀ " " (no emb) 186-110-23-12; 18.8 gm
98 ♂ *Peromyscus eremicus* 171-96-18-19; 17.7 gm
99 *Lampropeltis getulus*
100 *Scaphiopus hammondi*
101 " "
102 " "

W side Colorado River, 450 ft., 1 mi. N Calif. line, Clark Co., Nevada

(coll. D.H. Johnson) Aug. 2, 1941

- 103 ♀ *Pipistrellus hesperus* (no emb) 71-25-5-10-^{tragus} 4; 4.3 gm.
104 ♂ *Perognathus formosus* (skull only) 186-104-23-11; 18.3 gm.
105 ♂ " *peniculatus* 118+-40+-23-11; 18.5 gm.
106 ♂ *Perognathus formosus* 185-113-21-10; 14.3 gm.
107 ♀ " " (no emb) 176-109-23-10; 16.0 gm.
108 *Crotalus scutulatus*

Aug. 4, 1941

- 109 ♀ *Dipodomys agilis* (no emb) 216-154-41-14; 26.1 gm
110 ♂ *Peromyscus maniculatus* 146-60-19-19; 20.0 gm

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Itinerary

July 22. 3 mi. S Mt. Rose, 8500 ft., Washoe Co., Nevada

I came up from Berkeley yesterday on a Greyhound bus and was met by Dr. Hall in Reno.

Put out 50 mouse traps, all in moist sites along edge of small ~~tributary~~ of Granite creek. Caught 6 ♂ and 4 ♀ Peromyscus maniculatus, 1 ♀ Sorex palustris, 1 ♂ Microtus longicaudus and 1 ♀ Microtus montanus.

July 23 Put out 55 mouse traps, 25 in sedge and deep grass along edge of creek and 30 in a grassy upland meadow. Caught 10 ♀ and 6 ♀ Peromyscus maniculatus, 1 ♂ Microtus montanus. This I shot two ^{one ♂ + one ♀} Citellus beldingi, and yesterday I shot a ♂ Tamiasciurus douglassi. This morning I also shot a marmot (marmota flaviventris) and a Eutamias speciosus.

July 24 6 mi. NE Virginia City, 6000', Storey Co., Nevada

Drove from Mt. Rose to Reno to ship some things back to Berkeley and then came out to Virginia City, picked up some mail and drove to this camp. I put out 60 traps on a rocky slope covered with sage brush, Pinus monophylla, Juniperus, and Ceanothus. Caught 7 ♂ and 5 ♀ Peromyscus maniculatus, 1 ♀ Reithrodontomys, 1 ♀ Perognathus parvus, and 1 ♂ Peromyscus truei. I also shot one Eutamias minimus about 6:45 a.m.

Late in the afternoon I walked to the top of the ridge east of camp looking for Eutamias panamintinus, but I didn't see a one.

July 25 Set out 88 mouse traps in mixed sage and piñon. Caught 7 ♀ and 8 ♂ Peromyscus maniculatus, one ♀ Dipodomys ^{lexicogenys} ~~lexicogenys~~ and one Perognathus longimembris (♂)

Itinerary

July 25 Middle Cr., 8000 ft., White Mts., Esmeralda Co., Nevada
 We left our camp 6 mi. NE Virginia City at 2:00 pm and drove through Carson City and Yerington to 2 mi. E Hawthorne, Mineral Co., Nevada, 4300 feet where we stopped just at dark and put out our traps after dark. Our camp was in the midst of a flat sandy area on which the only vegetation was scattered thorn-bushes. I put out 50 traps and caught 3 Perognathus longimembris (2 ♀ and 1 ♂). The small number of animals caught was no doubt due to the rain which fell intermittently all night long and quit shortly before dawn. All three of my animals were soaking wet. At 8:00 a.m. we left camp and drove to Arlemont where we turned east and drove up into the white mountains. ~~at~~ We arrived at our camp at about 10:30 p.m.

July 26. I set out 20 traps, thirty around the edges of a marshy meadow covered with willows, grass, and wild sedge, rose, ^{*Butula fontanella*} 10 in a grove of Populus trichocarpa and the rest in mixed sage and pinyon, ^{*Ephedra*} on a rocky slope. A creek runs past the meadow and the P. trichocarpa. I caught 11 ♀ and 10 ♂ Peromyscus maniculatus, one Peromyscus truei ♀ (immature), and one pocket gopher. After breakfast I walked about three miles east of camp up to an altitude of about 9000 feet looking for deer and Eutamias quadrivittatus, neither of which I found, but I shot one Eutamias minimus. We broke camp ~~and~~ at about 1:00 pm and drove over to the old Davis Ranch to look for deer but decided there ~~so~~ were none and so headed for Tonopah.

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Itinerary

July 28 13 mi. N Goldfield, 5100 ft., Esmeralda Co., Nevada.

We camped on a sandy flat on which were many small pebbles, up to two inches in diameter. The entire area was flat and covered with a small thorny bush possibly hop sage. The plants were scattered widely, probably one bush for every 20 square feet. We arrived after dark and set our traps out. I put out 50 mouse traps in a straight line, one every twenty paces. My catch was 2 ♀ Dipodomys microps, 1 ♀ Dipodomys deserti, 4 ♀ Perognathus longimembris, 3 ♀ Perognathus longimembris. We ate breakfast and left immediately. At noon we drove to West side of Stonewall Mountain 6000 ft., Nye Co., Nevada and hunted chipmunks. I didn't get any, but 3 Eutamias panamintinus were gotten by other members of the group. We drove in to Beatty and then drove back up to 3½ mi. E and 1½ mi. S Grapevine Peak, 6700 feet Nye Co., Nevada where we pitched camp.

July 29 3½ mi E and 1 mi. S Grapevine Peak, 6700 ft. Nye Co., Nev.

I cooked and spent the morning skinning the animals I got yesterday. During the afternoon unsuccessfully hunting for deer. I won't describe this locality, because groups from Museum have been here on two previous trips.

July 31 9 mi W + 5½ mi. S Searchlight, Clark Co., Nevada, 4300 ft.

Yesterday morning we left our camp at grapevine peak and Drove to Las Vegas where we had lunch and then went on to Searchlight. From searchlight we followed

Itinerary

9 mi. W + 5 1/2 mi S Searchlight, 4300 ft., Clark Co., Nevada
 an old abandoned railroad to our present camp. After dinner I went out hunting and shot two Dipodomys mohavensis with the aid of a flashlight. I set out one hundred mouse traps on the first flat above a wash. The area is covered with a good stand of Joshua trees, Yucca mohavensis, catclaw and scattered clumps of dry grass. I caught 3 ♀ and 3 ♂ Dipodomys merriami, 2 ♀ + 2 ♂ Dipodomys mohavensis, 1 ♀

Onychomys torridus, and 3 ♂ + 1 ♀ Peromyscus maniculatus

Aug. 1

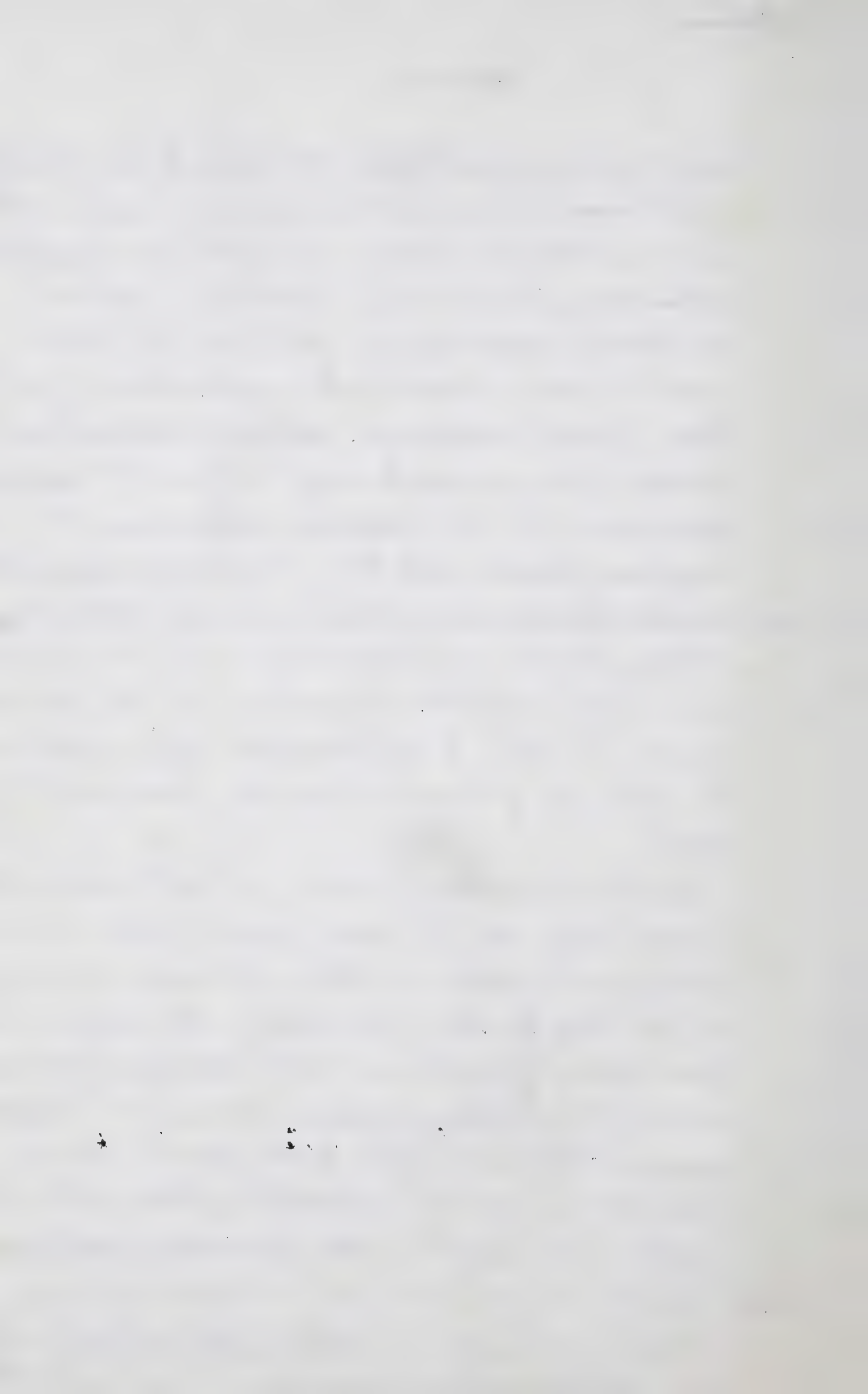
W side Colorado R., 6 mi. N Calif. line, 500 ft., Clark Co., Nevada

Yesterday we broke camp about 1:00 p.m. and drove south on U.S. 95 to the old government Road to Fort Mohave and drove on it down to the Colorado River. We are camped on the flood plain of the river between the willows and the desert.

I set out 100 traps (95 mouse + 4 rat traps). The mouse traps were set among creosote bushes either along sandy washes or on the rock ridges. and a few were set along the edge of the willows on the edge of the flood plain. My catch was 2 ♂ Peromyscus eremicus, 15 ♀ and 8 ♂ Dipodomys merriami, 8 ♀ and 8 ♂ Perognathus parvus. Total 41 mice. When I went down to the river Ned Stone and I saw a Rhombophis getulus which we caught. I also caught 3 toads, presumably Saaphopus.

Aug. 2

Ned Stone and I took the truck and drove to W side Colorado R., 450 ft., 1 mi. N Calif line, Clark Co., Nevada to try and catch Perognathus longimembris. I set out 8 ♀ mouse



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Itinerary

Aug 2 W side Colorado R., 5000 ft., 6 mi. N. Calif line, Clark Co., Nevada
mouse traps in the sand and fine gravel in the bottom of a large wash. I caught 18 ♂ + 13 ♀ Dipodomys merriami, 4 ♀ and 5 ♂ Perognathus formosus and 1 ♂ Perognathus penicillatus (?). After lunch we drove to 3 mi. SW Hiko Springs, 2400 ft., Clark Co., Nevada to look for bats. We camped beside a small trickle of water. I shot no bats, but other members of the group got a few Pipistrellus. D.H. Johnson, and Ned Stone took the truck out to near Searchlight to look for P. longimembris.

Aug 4 At noon yesterday we left camp and drove to 2 mi. E Gorman, 3500 ft., Los Angeles Co., Calif. via Victorville. On Aug 3 I set out no traps. Last night I set out 58 mouse traps on a grassy hill side and along the side of a small stream. Perhaps because of the strong wind blowing trapping was very poor. I caught only one ♀ Dipodomys agilis and one ♂ Peromyscus maniculatus. We are now preparing to leave for Berkeley and do not expect to do any more trapping.

We drove to Berkeley up the west side of the San Joaquin valley via Taft, Coalinga, Los Banos, Tracy and Livermore. We arrived in Berkeley about 5:50 p.m.

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Sorex palustris

July 22 3 mi. S Mt. Rose, 8500 ft., Washoe Co., Nevada

♀ 52 was caught about 8 inches from edge of a swiftly flowing stream approximately four feet wide and 8 to 10 inches deep. Trap was a museum special mouse trap baited with oat meal and placed in short grass (green) underneath an elder berry bush. 50 traps were set out along the edge of this same stream, but no other shrews were caught. The traps on either side of the one in which the S. palustris was caught, caught Microtus longicaudus.

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Eutamias minimus

July 24 6 mi NE Virginia City, 6000 ft., Storey Co., Nevada

♂ 66 was shot after running across an open space for about twenty feet from a clump of sage and dodging in under the low-hanging branches of Pinus monophylla. The area is covered with sage and ~~number~~ numerous pinions and juncos.

July 27 Middle Cr., 8000 ft., White Mts., Esmeralda Co., Nevada

Our camp was on edge of marsh meadow in a canyon both sides of which were rocky and covered by sage brush and Pinus monophylla. The most abundant mammal in the sage and pinion was E. minimus. One could often see three or four at one time. Running from one sage bush to ^{and cholla} the next. Scattered through the sage were clumps of Ephedra. None of the chipmunks came down in the marsh or in the ~~Beech~~ Betula fontanella, willows, or Populus trichocarpa along the stream. I shot one, ♂ 77.



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Eutamias speciosus

July 23 3 mi. S Mt. Rose, 8500 ft, Washoe Co., Nevada

About 9:30 a.m. I shot a ♂ (57) which was running along a down log on the top of a outcrop of granite on which one marmot and a number of marmot holes were seen.

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Sciurus ^{douglasii}
~~griseus~~

July 22 3 mi S Mt. Rose, 8500 ft., Washoe Co., Nevada

at approximately 3:50 p.m. I shot one ♂ (55) which was digging in the decayed wood in the heart of a fallen yellow pine which was hollow. The fallen tree lay at the base of a ~~tree~~ a slope covered with granite boulders. I spent 2½ hours within a quarter of a mile of this spot and this was the only squirrel seen.

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Thomomys bottae

July 27 Middle Cr., 8000 ft., White Mts., Esmeralda Co., Nevada

NO. 16 ♀ was caught in a mouse trap placed on the edge of a marshy meadow on fallen leaves underneath Populus trichocarpa. There were no gopher ^{which} ~~diggings~~ could be found within a radius of 30 feet. The only moist area was of course along the stream. The sides of the canyon are rocky and covered with sage brush and Pinus monophylla and occasional ephedra.

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Perognathus parvus

July 24 6 mi NE Virginia City, 6000 ft., Storey Co., Nevada

a ♂, number 62, was caught at the side of a round rock about 18 inches in diameter in the midst of a bare area about 8 feet across. This area was surrounded by sage in which was scattered many Pinus monophylla, Juniper and occasional Ceanothus. I had 60 traps out and this was the only pocket mouse caught.

July 25 Single immature specimen (♂ 68) was caught in an open sandy spot beneath a rock in the midst of sage brush and penion. This was only one caught although I had out 88 traps.

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Dipodomys deserti

July 28 13 mi. N Goldfield, 5100 ft., Esmeralda Co., Nevada.

I set out 50 mouse traps at 20 step intervals on a level sandy area covered with hopsage (?) and pebbles up to three inches in diameter. I caught about a dozen P. longimembris a couple D. microps and one D. deserti (immature). None of the other members of the party who set out a total of 200 traps caught any of this species. about $1\frac{1}{2}$ miles from the spot where I set out my traps, in the bottom of the sink there was an area of fine sand. This immature animal may have wandered out from there for the pebbles made the site atypical for Dipodomys deserti.

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Dipodomys mohavensis

July 31 9 mi. W and $3\frac{1}{2}$ mi. S Searchlight, 4300 ft., Clark Co., Nevada
Out of 100 traps set out in the first flat above a dry wash covered with Yucca mohavensis, Yucca brevifolia, Catclaw and scattered clumps of dry grass I caught 2 ♀ and 2 ♂ D. mohavensis.

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Peromyscus truei

July 24 6 mi. NE Virginia City, 6000 ft., Storey Co., Nevada
♂ 65 was caught on the top of ~~a rock~~ an isolated rock
about 40 inches high and 24 inches in diameter beside
a Pinus monophylla. The country is mixed sage and
pinion.

July 27 Middle Cr., 8000 ft., White Mts., Esmeralda Co., Nevada
I set out fifty traps, 20 in a marshy meadow and the
rest on a steep rocky slope of mixed pinion and sage
I caught out one immature P. truei^(♀ 75) in the rocks. Only other
mouse caught in vicinity was P. maniculatus.

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Microtus longicaudus

July 22 3 mi. S Mt. Rose, 8500 ft., Washoe Co., Nevada

Two (numbers 53 & 54) were caught in traps ten feet apart. Both were placed in short green grass about a foot from the edge of a swiftly flowing stream about four feet wide and 8 to 10 inches deep. Traps were both placed beneath elder berry bushes. The trap between the two which caught the Microtus caught a Sorex palustris

July 23. A single specimen (56) was caught in a trap set on top of moist sand a yard back underneath an over hanging rock which was situated in the midst of a moist almost marshy meadow covered with sedge, grass, Veratrum, and elder berry. 9 other traps were set out in same site, but only P. maniculatus were caught

July 27: Middle Cr., 8000 ft., White Mts., Esmeralda Co., Nevada

While hunting for deer I crossed Middle Creek and in a thicket of goose berry underneath some Betula fontanella I saw a M. longicaudus climbing in the goose berry bush about 3 feet from the ground (time 8:30 a.m.). I backed up and shot him. My presence and my movements seemed not to frighten him.

